



Rev 01/04

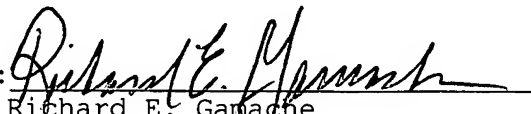
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application : William J. Fosnight, et al.
Application No. : 10/727,353
Filed : December 3, 2003
Confirmation No. : 5440
For : EXTRACTOR/BUFFER
Attorney's Docket : PRI-174XX

TC Art Unit: 3652

I hereby certify that this correspondence is being deposited with the
United States Postal Service as first class mail in an envelope
addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA
22313-1450 on 4/5/04.

By: 
Richard E. Gamache
Registration No. 39,196
Attorney for Applicants

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

It is desired to cite for the record in this application the
enclosed references listed on the attached copy of PTO Form #1449. The
paragraph(s) marked below are applicable to this Information Disclosure
Statement.

- [] (1) Pursuant to 37 C.F.R. § 1.97(b)(1) and (2), the attached
Information Disclosure Statement is being filed within three
months of the filing date of the above identified national
application or within three months of the date of entry of the
national stage as set forth in 37 C.F.R. § 1.491 of the above
identified application. Accordingly, applicant(s) believes that
no fee or statement under 37 C.F.R. § 1.97(e) is required.

- [X] (2) Pursuant to 37 C.F.R. § 1.97(b)(3), applicant(s) believes the attached Information Disclosure Statement is being filed before the mailing date of a first Office action on the merits. Accordingly, applicant(s) believes that no fee or statement under 37 C.F.R. § 1.97(e) is required.
- [] (3) Pursuant to 37 C.F.R. § 1.97(b)(4), applicant(s) believes the attached Information Disclosure Statement is being filed before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Accordingly, applicant(s) believes that no fee or statement under 37 C.F.R. § 1.97(e) is required.
- [] (4) Pursuant to 37 C.F.R. § 1.97(c), the attached Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by:
- [] a statement under 37 CFR § 1.97(e); or
- [] the fee set forth in § 1.17(p).

PETITION UNDER 37 CFR § 1.97(d)

- [] (5) Pursuant to 37 CFR § 1.97(d), applicant(s) hereby petitions the Commissioner to consider the attached Information Disclosure Statement which is being filed on or before payment of the issue fee. This petition is accompanied by a statement under 37 C.F.R. § 1.97(e) and the petition fee set forth in 37 C.F.R. § 1.17(p).

STATEMENT UNDER 37 C.F.R. § 1.97(e)(1)

- [] (6) The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

STATEMENT UNDER 37 C.F.R. § 1.97(e)(2)

- [] (7) The undersigned hereby states that no item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, no item of

Application No.: 10/727,353
Filed: December 3, 2003
TC Art Unit: 3652
Confirmation No.: 5440

information contained in the attached Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Where the status of the application has changed, unknown to the applicant, such that the boxes checked are no longer applicable, the Commissioner is authorized to accept this submission with any additional fees required by that change charged to Deposit Account No. 23-0804.

The filing of this Information Disclosure Statement is not a representation by the undersigned as to personal knowledge of the contents of every word or phrase of the material enclosed or that reliance on other suitably trained professionals has not been made.

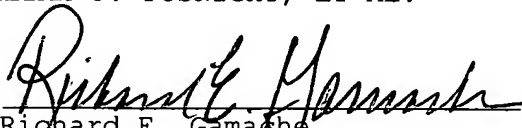
If a search report of a searching agency is enclosed identifying the nature of the relevance of each document, such a designation is deemed to satisfy 37 C.F.R. § 1.98(a)(3) even if in a foreign language because the codes are the same in all languages. However, applicant(s) does not necessarily adopt the position reflected by that report.

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 23-0804. Triplicate copies of this letter are enclosed.

Respectfully submitted,

WILLIAM J. FOSNIGHT, ET AL.

By:


Richard E. Gamaache
Registration No. 39,196
Attorney for Applicants

WEINGARTEN, SCHURGIN,
GAGNEBIN & LEBOVICI LLP
Ten Post Office Square
Boston, Massachusetts 02109
Telephone: (617) 542-2290
Telecopier: (617) 451-0313

Enclosure
303742

- 3 -



Date: April 2, 2004
Page 1 of 6

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
PRI-174XX

APPLICATION NO.
10/727,353

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

APPLICANT:
William J. Fosnight,, et al.

FILING DATE
12/03/03

GROUP
3652

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION/ ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE
	US4,311,427	1/19/82	Coad, et al.	414	217	
	US4,457,661	7/3/84	Flint, et al.	414	404	
	US4,540,326	9/10/85	Southworth, et al.	414	217	
	US4,668,484	5/26/87	Elliott	422	113	
	US4,682,927	7/28/87	Southworth, et al.	414	217	
	US4,775,281	10/4/88	Prentakis	414	416	
	US4,776,744	10/11/88	Stonestreet, et al.	414	217	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: April 2, 2004

Page 2 of 6

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO. PRI-174XX		APPLICATION NO. 10/727/353	
				APPLICANT: William J. Fosnight, et al.			
				FILING DATE 12/03/03		GROUP 3652	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION/ ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE
		US4,816,116	3/28/89	Davis, et al.	156	643	
		US4,886,412	12/12/89	Wooding, et al.	414	416	
		US4,903,610	2/27/90	Matsumoto, et al.	104	118	
		US5,064,337	11/12/91	Asakawa, et al.	414	639	
		US5,324,155	6/28/94	Goodwin, et al.	414	225	
		US5,417,537	5/23/95	Miller	414	217	
		US5,615,988	4/1/97	Wiesler, et al.	414	416	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER				DATE CONSIDERED			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: April 2, 2004

Page 3 of 6

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO. PRI-174XX		APPLICATION NO. 10/727,353	
				APPLICANT: William J. Fosnight, et al.			
				FILING DATE 12/03/2003		GROUP 3652	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION/ ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE
		US5,647,718	7/15/97	Wiesler, et al.	414	416	
		US5,741,109	4/21/98	Wiesler, et al.	414	416	
		US5,751,581	5/12/98	Tau, et al.	364	468	
		US5,893,795	4/13/99	Perlov, et al.	451	288	
		US5,947,802	9/7/99	Zhang, et al.	451	334	
		US5,980,183	11/9/99	Fosnight	414	222.01	
		US5,993,148	11/30/99	Brown	414	810	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS <i>(including Author, Title, Date, Pertinent Pages, etc.)</i>							
EXAMINER				DATE CONSIDERED			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: April 2, 2004

Page 4 of 6

**U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
PRI-174XX

APPLICATION NO.
10/727,353

APPLICANT:

William J. Fosnight, et al.

FILING DATE

12/03/03

GROUP

3652

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION/ ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE
	US6,002,840	12/14/99	Hofmeister	395	80	
	US6,035,245	3/7/00	Conboy, et al.	700	214	
	US6,050,768	4/18/00	Iwasaki, et al.	414	222.01	
	US6,078,845	6/20/00	Friedman	700	104	
	US6,086,457	7/11/00	Perlov, et al.	451	41	
	US6,095,054	8/1/00	Kawano, et al.	104	139	
	US6,129,496	10/10/00	Iwasaki, et al.	414	222.01	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS *(including Author, Title, Date, Pertinent Pages, etc.)*

EXAMINER

DATE CONSIDERED

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO. PRI-174XX		APPLICATION NO. 10/727,353	
				APPLICANT: William J. Fosnight, et al.			
				FILING DATE 12/03/03		GROUP 3652	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION/ ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE
		US6,303,398 B1	10/16/01	Goerigk	438	14	
		US6,308,818 B1	10/30/01	Bonora, et al.	198	465.1	
		US6,315,512 B1	11/13/01	Tabrizi, et al.	414	217	
		US6,356,804 B1	3/12/02	Conboy, et al.	700	228	
		US6,361,422 B1	3/26/02	Ettinger, et al.	451	339	
		US6,364,593 B1	4/2/02	Hofmeister, et al.	414	217.1	
		US2001/0014268 A1	8/16/01	Bryson, III, et al.	414	217	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS <i>(including Author, Title, Date, Pertinent Pages, etc.)</i>							
EXAMINER				DATE CONSIDERED			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: April 2, 2004

Page 6 of 6

**U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
PRI-174XX

APPLICATION NO.
10/727,353

APPLICANT:

William J. Fosnight, et al.

FILING DATE

12/03/03

GROUP

3652

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION/ ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE
	US2002/0025244 A1	2/28/02	Kim	414	217	
	US					
	US					
	US					
	US					
	US					
	US					

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
EPI063056 A2	12/27/00				
WO 99/02436	1/21/99				

OTHER DOCUMENTS *(including Author, Title, Date, Pertinent Pages, etc.)*

EXAMINER

DATE CONSIDERED

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

302523